Curriculum vitae Europass

Nume **Voroneanu Elena Luminita**

Adress Spitalul Clinic „Dr. CI Parhon ”, Blv. Carol I, Nr. 50, Iași, clinica de nefrologie

E-mail(uri) [redacted]

Professional

Period University

2007-2014 – Asistent universitar Medicina Interna, nefrologie, geriatrie
2014 – 2019– Sef lucrari Medicina Interna, nefrologie, geriatrie
2020-2026 Conferentiat Medicina Interna, nefrologie, geriatrie

Medical

2006-2011 rezident nefrologie Spitalul Clinic Dr C.I. Parhon Iasi
2011 – 2016– medic specialist nefrolog
2016-2026 – medic primar nefrolog

Education

1995-1999 Liceul theoretic „Calistrat Hogas” Piatra Neamt

1999-2005 – Universitatea de Medicina si farmacie „Gr. T.Popa” Iaşi

October 2013 – Doctor in stiinte medicale; titlul tezei de doctorat: "The effect of water status (measured by bioimpedance) and natriuretic peptides on arterial stiffness and structural characteristics of the left ventricle in chronic hemodialysis patients" - coordinator - Prof. Dr. Adrian Covic

Language

Understanding				Speaking				Writing
Ascultare		Citire		Participare la conversaţie		Discurs oral		Exprimare scrisă
English	B2		B2		B2		B2	

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Activitate stiintifica

a. Carti si capitole de carte

1. **Terapeutica medicala**. Editia 4 - Adrian Covic, Gabriel Ungureanu - Editura Polirom. ISBN 978-630-344-216-7. Nefrologie (coord.) Prof. Dr. Adrian Covic, Conf. Dr. Luminița Voroneanu https://polirom.ro/bios/8646-terapeutic%C4%83-medical%C4%83.html
2. **Andrian, T., Voroneanu, L., Covic, A. (2024).** ***Kidney Transplantation and Renal Vascular Issues. In: Covic, A., Burlacu, A. (eds) Contemporary Approaches to Renal Vessel Disorders*****. Springer, Cham. https://doi.org/10.1007/978-3-031-71930-1_10**
3. **Manual de Nefrologie. Editor: Adrian Covic, Luminita Voroneanu, Mugurel Apetrii… (coord.) Editura Gr. T.Popa Iasi 2021; ISBN 978-606-544-727-**
4. **Voroneanu, L., Covic, A. (2019). Hemodialysis in the Elderly. In: Musso, C., Jauregui, J., Macías-Núñez, J., Covic, A. (eds) Clinical Nephrogeriatrics. Springer, Cham. https://doi.org/10.1007/978-3-030-18711-8_10**
5. **Adrian Covic, Mugurel Apetrii, Luminita Voroneanu, and David J. Goldsmith; Vascular calcification (2018 update). In Oxford Textbook of Clinical Nephrology - 2018 Update ; Print ISBN-13: 9780199592548** https://academic.oup.com/book/40212/chapter-abstract/343546640?redirectedFrom=fulltext
6. *Voroneanu, L., Siriopol, D., Covic, A. (2017). Secondary Causes: Work-Up and Its Specificities in CKD: Influence of Volume Overload, Excess Sodium Intake and Retention in CKD. In: Covic, A., Kanbay, M., Lerma, E. (eds) Resistant Hypertension in Chronic Kidney Disease. Springer, Cham. https://doi.org/10.1007/978-3-319-56827-0_11*
7. Covic, A., Voroneanu, L. (2015). Uric Acid, Allopurinol: The Cardio-Renal Silver Bullet?. In: Goldsmith, D., Covic, A., Spaak, J. (eds) Cardio-Renal Clinical Challenges. Springer, Cham. https://doi.org/10.1007/978-3-319-09162-4_7
8. Donciu, M.D., Voroneanu, L., Covic, A. (2015). Volume Overload in CKD: Pathophysiology, Assessment Techniques, Consequences and Treatment. In: Goldsmith, D., Covic, A., Spaak, J. (eds) Cardio-Renal Clinical Challenges. Springer, Cham. https://doi.org/10.1007/978-3-319-09162-4_12
9. Apetrii, M., Voroneanu, L., Covic, A. (2015). Obesity/OSA/Metabolic Syndrome in Patients with CKD and Hypertension: The Missing Link?. In: Weir, M., Lerma, E. (eds) Chronic Kidney Disease and Hypertension. Clinical Hypertension and Vascular Diseases. Humana Press, New York, NY. https://doi.org/10.1007/978-1-4939-1982-6_18
10. **Actualităţi în medicina internă** - Leonida Gherasim, Alexandru Oproiu (sub redacţia), Ed. Medicala, Bucuresti, 2015, ISBN 978-973-39-0784-8 – capitolul - Aspecte actuale privind interrelatiile renocardiace – dr. Luminita Voroneanu, prof. Dr. Adrian Covic, pag 575-597 http://www.youblisher.com/p/1098506-Actualitati-in-Medicina-Interna/
11. **Conexiuni renale în boli hepatice.** Adrian Covic, Anca Trifan, Mugurel Apetrii, Ana Maria Sîngeap. - Iaşi : Editura "Gr. T. Popa", U.M.F. Iaşi, 2017, ISBN 978-606-544-494-2; capitolul Epidemiologia hepatitelor virale – pagina 9. **http://library.usmf.md/new/images/intrari%20noi%202018/5%20octombrie/5.pdf**
12. **Terapeutica medicala – Editia a III – a,** Editura Polirom 2014, **ISBN: 978-973-46-4804-7** capitolele: Insuficienta renala acuta; Lupusul eritematos sistemic ; Boala mixta a tesutului conjunctiv; Vasculitele – pagina 663
13. **Modul integrativ pentru studiul rinichiului 2013, Editura "Gr. T. Popa" U. M. F. Iași, ISBN 978-606-544-167-5.** Insuficienta renala acuta. Cazuri clinice cu boală cronică de rinichi
14. **Dializă: ghid practice de buzunar, editura Gr. T. Popa Iasi, 2013, ISBN 978-606-544-159-0; capitole:** Supravieţuirea în hemodializa cronică; Dializa adecvată

15. **Manual de nursing in bolile renale**, Editura **CASA EDITORIALA DEMIURG PLUS (2015)ISBN: 973-152-314-9; Capitolul: Managementul pacientului cu insuficienta renala acută**

16. **Hemodializa – principii teoretice si practice -** Adrian Covic**,** Editura Demiurg**,** Iasi 2010 **ISBN: 973-152-202-9; capitole:** Principiile fiziologice ale hemodializei; Prescrierea hemodializei cronice; Strategii de anticoagulare; Hemofiltrarea şi hemodiafiltrarea; Organizarea unităţii de hemodializă; Pericardita uremică; Evaluarea statusului hidric al pacientului hemodializat; Afectarea vasculară; Anemia; Hepatitele virale; Tulburări gastro-intestinale; Supravieţuirea în hemodializa cronică

17. **Nefrologie -** Adrian **Covic**, **Editura Demiurg**, **Iasi 2011** ISBN**: 973-152-236-4** capitole: Hipertensiunea arterială; Insuficienţa renală acută; Terapie imunosupresoare

18. **Nefrologie – manual de buzunar -** Adrian Covic**,** Editura Demiurg Plus**,** Iasi 2012 **ISBN: 973-152-252-4; capitole:** Hipertensiunea arterială; Insuficienţa renală acută

B. Articole relevante in reviste indexate ISI

1. **Voroneanu L.**, Covic A., Iliescu S., Băluță C.V., Agavriloaei B.D., Ștefan A.E., Amarandi R.-M., Vacarean-Trandafir I.-C., Ivanov I.-C., Covic A. (2025). Distinct Gut Microbiome Signatures in Hemodialysis and Kidney Transplant Populations. *Journal of Clinical Medicine*, **14**(22): 8032. DOI: 10.3390/jcm14228032 https://www.mdpi.com/2077-0383/14/22/8032
2. **Voroneanu L.**, Covic A., Tesař V., Kanbay M., Covic A. (2025). Advances in Multitarget Therapeutic Approaches for Immune-Mediated Glomerular Diseases. *Life*, **15**(2): 243. DOI: 10.3390/life15020243 https://www.mdpi.com/2075-1729/15/2/243
3. Iliescu S, **Voroneanu L** (unicul autor corespondent), Covic AM, Scripcariu DV, Statescu C, Covic AC. Tricuspid regurgitation associated with implantable cardiac devices: a double-edged sword, J Clin Med, 2024, 13(18): art. no 5543. IF=2.9 (Review Q1) https://www.mdpi.com/2077-0383/13/18/5543
4. **Voroneanu L.**, Burlacu A., Brînză C., Covic A., Bălan G.G., Nistor I., Popa C., Hogaș S., Covic A. (2023). Gut Microbiota in Chronic Kidney Disease: From Composition to Modulation towards Better Outcomes – A Systematic Review**.** *Journal of Clinical Medicine*, **12**(5): 1948.DOI: 10.3390/jcm12051948 https://www.mdpi.com/2077-0383/12/5/1948
5. **Voroneanu L,** Siriopol D, Apetrii M, Hogas S, Onofriescu M, Nistor I, Kanbay M, Dumea R, Cusai S, Cianga P, Constantinescu D, Covic A. Prospective Validation of a Screening Biomarker Approach Combining Amino-Terminal Pro-Brain Natriuretic Peptide With Galectin-3 Predicts Death and Cardiovascular Events in Asymptomatic Hemodialysis Patients. Angiology. 2018 May;69(5):449-455. doi: 10.1177/0003319717733371. Epub 2017 Oct 3. https://journals.sagepub.com/doi/10.1177/0003319717733371?url_ver=Z39.88-2003&rfr_id=ori:rid:crossref.org&rfr_dat=cr_pub%20%200pubmed
6. **Voroneanu L.**, Ortiz A., Nistor I., Covic A. (2016). Atrial fibrillation in chronic kidney disease**.** *European Journal of Internal Medicine*, **33**: 3–13. DOI: 10.1016/j.ejim.2016.04.007 https://linkinghub.elsevier.com/retrieve/pii/S0953-6205(16)30076-0
7. Siriopol D, Siriopol M, Stuard S, **Voroneanu L** (unicul autor corespondent), Wabel P, Moissl U, Voiculescu D, Covic A. An analysis of the impact of fluid overload and fluid depletion for all-cause and cardiovascular mortality, Nephrol Dial Transplant, 2019, 34(8): 1385-1393. https://academic.oup.com/ndt/article/34/8/1385/5280822?login=false#google_vignette
8. **Voroneanu L.**, Siriopol D., Dumea R., Bădărău S., Kanbay M., Afsar B., Gavrilovici C., Covic A. (2017). Addition of silymarin to renin–angiotensin system blockers in normotensive patients with type 2 diabetes mellitus and proteinuria: a prospective randomized trial**.** *International Urology and Nephrology*, **49**(12): 2195–2204. DOI: 10.1007/s11255-017-1697-5 https://link.springer.com/article/10.1007/s11255-017-1697-5
9. **Voroneanu L.**, Siriopol D., Apetrii M., Hogaș S., Onofriescu M., Nistor I., Kanbay M., Covic A. (2014). Superior predictive value for NT-proBNP compared with high-sensitivity cTnT in dialysis patients: a pilot prospective observational study. *Kidney & Blood Pressure Research*, **39**(6): 636–647. DOI: 10.1159/000368452 https://karger.com/kbr/article/39/6/636/185757/Superior-Predictive-Value-for-NTproBNP-Compared

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10. **Voroneanu L.**, Gavrilovici C., Covic A. (2018). Overhydration, underhydration, and total body sodium: a tricky "ménage à trois" in dialysis patients**.** *Seminars in Dialysis*, **31**(1): 21–25. DOI: 10.1111/sdi.12649 https://onlinelibrary.wiley.com/doi/10.1111/sdi.12649
11. **Voroneanu L.**, Covic A. (2018). Chronic kidney disease and stroke: more observations but no trials. *Nephrology Dialysis Transplantation*, **33**(3): 367–370. DOI: 10.1093/ndt/gfx363 https://academic.oup.com/ndt/article/33/3/367/4803285?login=false
12. **Voroneanu L.**, Covic A. (2013). Epic battles in the phosphate-binder wars – the last episode? *Nature Reviews Nephrology*, **9**(9): 497–498. DOI: 10.1038/nrneph.2013.149 https://www.nature.com/articles/nrneph.2013.149
13. **Voroneanu L.**, Cusai C., Hogaș S., Ardeleanu S., Onofriescu M., Nistor I., Prisada O., Sascau R., Goldsmith D., Covic A. (2010). The relationship between chronic volume overload and elevated blood pressure in hemodialysis patients. *International Urology and Nephrology*, **42**(3): 789–797. DOI: 10.1007/s11255-010-9767-y https://link.springer.com/article/10.1007/s11255-010-9767-y
14. **Voroneanu L.**, Covic A. (2009). Arrhythmias in hemodialysis patients**.** *Journal of Nephrology*, **22**(6): 716–725 https://pubmed.ncbi.nlm.nih.gov/19967650/
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16. Covic A, Siriopol D, **Voroneanu L**. Use of Lung Ultrasound for the Assessment of Volume Status in CKD. Am J Kidney Dis. 2018 Mar;71(3):412-422. doi: 10.1053/j.ajkd.2017.10.009. Epub 2017 Dec 21. https://www.ajkd.org/article/S0272-6386(17)31039-9/abstract
17. **Voroneanu L**, Covic A. Vascular Damage in Children With Chronic Kidney Disease: The Fog Is Dispersing. Hypertension. 2017 May;69(5):791-794. doi: 10.1161/HYPERTENSIONAHA.117.08770. Epub 2017 Apr 3. https://www.ahajournals.org/doi/10.1161/HYPERTENSIONAHA.117.08770?url_ver=Z39.88-2003&rfr_id=ori:rid:crossref.org&rfr_dat=cr_pub%20%200pubmed
18. **Voroneanu L**, Nistor I, Dumea R, Apetrii M, Covic A. Silymarin in Type 2 Diabetes Mellitus: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. J Diabetes Res. 2016;2016:5147468. doi: 10.1155/2016/5147468. Epub 2016 Jun 1. https://onlinelibrary.wiley.com/doi/10.1155/2016/5147468
19. Covic A, Siriopol D, **Voroneanu L**. Dialysis-induced segmental wall motion abnormalities, post-dialysis fatigue and cardiovascular mortality: the new Bermuda triangle? Nephrol Dial Transplant. 2013 Oct;28(10):2404-6. doi: 10.1093/ndt/gft301. PMID: 24078638. https://academic.oup.com/ndt/article-abstract/28/10/2404/1809505?redirectedFrom=fulltext&login=false
20. Covic A, **Voroneanu L**. Dialysis fata morgana: can we finally successfully tackle intradialytic hypotension with plasma sodium biofeedback systems? Nephrol Dial Transplant. 2013 Feb;28(2):250-3. doi: 10.1093/ndt/gfs434. PMID: 23413277. https://academic.oup.com/ndt/article-abstract/28/2/250/1862565?redirectedFrom=fulltext&login=false
21. Covic A, Voroneanu L (unic autor correspondent), Goldsmith D. The effects of vitamin D therapy on left ventricular structure and function - are these the underlying explanations for improved CKD patient survival? Nephron Clin Pract. 2010;116(3):c187-95. doi: 10.1159/000317198. Epub 2010 Jul 2. PMID: 20606478. https://karger.com/nec/article-abstract/116/3/c187/830506/The-Effects-of-Vitamin-D-Therapy-on-Left?redirectedFrom=fulltext

Co-autor

22. Vasiliu L., Diaconu A., Onofriescu M., Dodi G., Covic A., Avanu A.E., **Voroneanu L.**, Vasiliu V., Kanbay M., Sascau R.A., Statescu C., Covic A.C. (2025). Long-Term Evolution of Post-COVID-19 Echocardiographic Parameters in Patients with Chronic Kidney Disease: A Prospective Comparative Observational Study. *Journal of Clinical Medicine*, **14**(6): 1823. DOI: 10.3390/jcm14061823 https://www.mdpi.com/2077-0383/14/6/1823
23. Vasiliu L., Dodi G., Onofriescu M., Diaconu A., **Voroneanu L.**, Sascau R.A., Statescu C., Covic. A.C. (2025). The Impact of Prior COVID-19 on Long-Term Mortality and Echocardiographic Predictors in Chronic Kidney Disease Patients. *Diagnostics*, **15**(6): 678. DOI: 10.3390/diagnostics15060678 https://www.mdpi.com/2075-4418/15/6/678

24. Covic A., Tinica G., Brînză C., Popa C., Covic A., **Voroneanu L.**, Kanbay M., Burlacu A. (2025). Can amino acid interventions prevent acute kidney injury in cardiac surgery? A meta-analysis and systematic review**.** *Nephrology Dialysis Transplantation*, **40**(4): 823–826. DOI: 10.1093/ndt/gfae283
https://academic.oup.com/ndt/article/40/4/823/7916667?login=false
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https://www.mdpi.com/1422-0067/26/12/5902
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https://link.springer.com/article/10.1007/s11255-021-03082-4
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Participare in diverse proiecte de cercetare

Ca si director de grant:

1. Grant intern UMF, contract nr. 10841/2022 cu titlul „The Potential Role of the Gut Microbiota in CKD patients", derulat în perioada 01.05.2022-30.04.2024; ***director de proiect***.
2. Grant intern UMF Iasi YOUNG RESEARCHERS no. / 28.09.2012, cu titlul: „The effect of silymarin adition on renin-angiotensin-aldosterone system blockers in diabetic nephropathy

Membru al echipei de cercetare:

1. Proiect PCE, contract nr. PCE 204/2021 cu titlul „Evaluarea pe termen lung a riscului cardio-vascular la pacienții cu CKD în urma bolii SARS-COV-2", derulat în perioada 04.01.2021-31.12.2023; contractor Universitatea de Medicină şi Farmacie „Grigore T. Popa" din Iaşi; director de proiect prof. univ. dr. Covic Adrian Constantin; buget membru echipă.
2. Grant IDEI - PCE 2011, PN-II-ID-PCE-2011-3-0637, 2011 Titlul: *Extravascular lung water monitoring by combined ultrasound and bioimpedance as a guide for treatment in hemodialysis cardiomyopathic renal patients* Director de proiect Prof. Dr. Covic Adrian

3. Grant *CNCS - UEFISCDI, project number PN-III-P4-ID-PCE-2016-0908, contract number **167/2017,** within PNCDI III. Director de proiect Prof. Dr. Covic Adrian*
4. Grant intern UMF Iasi nr.1640 /01.02.2013 *Titlul: A combined cardiovascular and endocrine biomarker panel as a risk stratification tool for hemodialisis patients Director de proiect Prof. Dr. Covic Adrian*

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